Tokyo Market Information

- TOPIX (web) -

Web Service Specification

(CSV File Format)

(Ver.2.5 2023.11.6)

This file specification is applied on November 6, 2023.

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1. Introduction

This document describes the specifications for the output files provided by TMI's Web service. The document is composed of the file output screens and a description of the specifications for the files generated from those screens.

2. Data Format

- "Item Name" is set in the first line of the file.
- Each item is to be separated by insertion of a "," (a single-byte comma).
- The Len column displays the maximum length of the data to be recorded.Maximum length does not include single bite double quoation described below.
- In all files, each data items are surrounded by single bite double quotaton ("). Field names are also surrounded by (").
  This is applied to data where Null is set therein, and in that case it will set as "" .
  However, if CSV file is used by Microsoft®* Excel, (") will not be displayed.
  *Microsoft® is a registered trademark of Microsoft® Corporation in the United States and/or other countries.

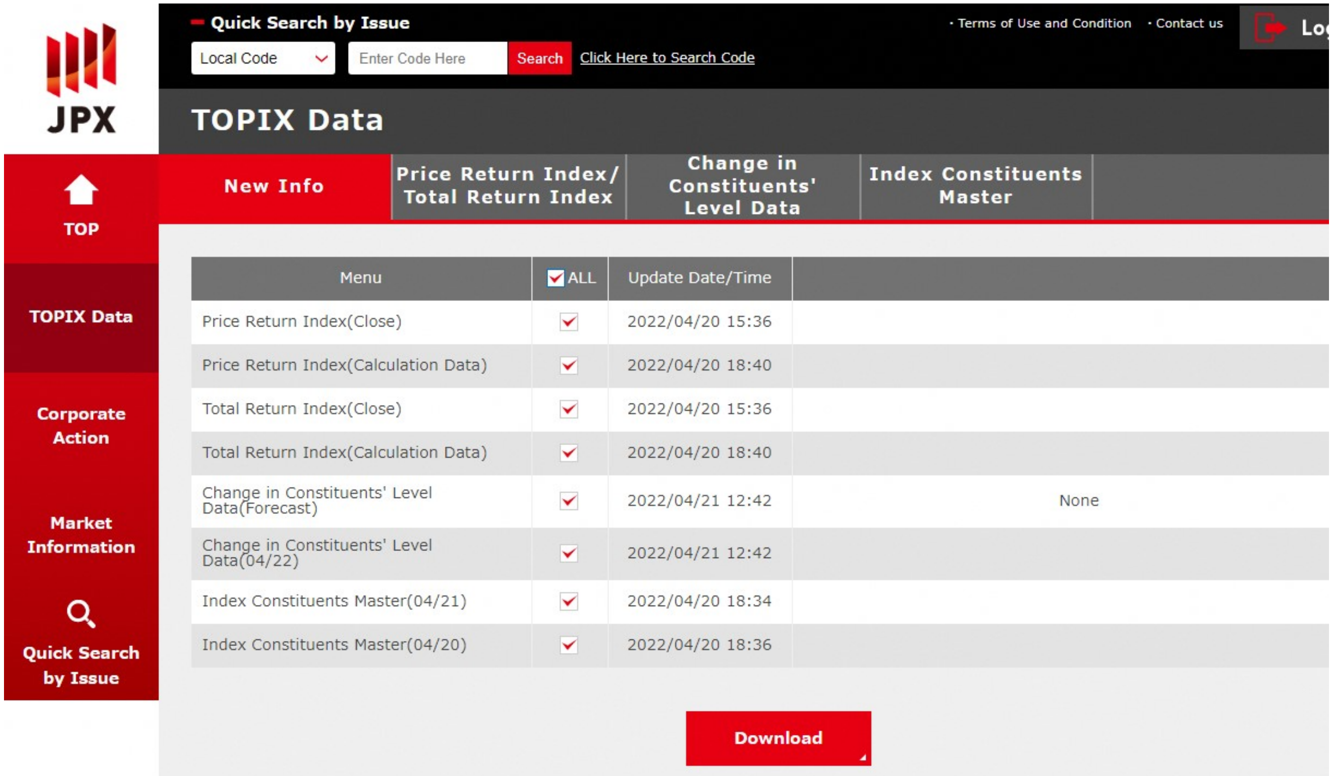
3. Timing of Data Updates

Data will be updated according to the following schedule:

	Timing of Updates
Price Return Index (Calculation Data)	Updated every business day at approximately 7 p.m.
Price Return Index (Close)	Updated every business day at approximately 4 p.m.
Total Index Base (Calculation Data)	Updated every business day at approximately 7 p.m.
Total Return Index (Close)	Updated every business day at approximately 4 p.m.
Change in Constituents' Level Data (Forecast)	Updated twice every business day, at approximately 12:45 p.m. and 4:45 p.m.
Change in Constituents' Level Data (for MM/DD)	Updated twice every business day, at approximately 12:45 p.m. and 4:45 p.m.
Index Constituents Master (for MM/DD)	Updated every business day at approximately 7 p.m.

4. Individual Screens and Output File Specifications

4.1 "Today's" Information File Output Screen



4.1.1 Price Return Index (Close)

Overview : Closing Price, CMV and other results are provided. The effective date in this file is date of the data provision.

No.	Item Name	Description		Len	Remarks
1	Date	Date when applicable data is provided Ex. For July 8, 2008, recorded as ‘20080708’		8	
2	Code	Index code for stock price index (See Appendix 1 for details)		4	
3	Name	English name of the stock price index Set NULL for TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index.		140	
4	Closing Price	Day’s closing value for the stock price index (Unit: Points)		17	
5	Points Change	Comparison of the day’s closing index value with that of the previous business day (Unit: Points) 0.00 is set on new indices start date.		17	
6	CMV	The day’s closing market value for the stock price index (Unit: Yen) Always set 0.0000000 for TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index.		29	
7	No. of Constituents	Number of constituents used in calculating the stock price index Set 0 for TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index.		6	

4.1.2 Price Return Index (Calculation Data)

Overview : Base market value for the next business date and others are provided.
Leveraged Index and TOPIX Inverse index is not included.

No.	Item Name	Description	Len	Remarks
1	Date	Effective date of the provided data (next business day of data provision date) Ex. If data in question is provided on July 8, 2008, then it is recorded as '20080709'.	8	
2	Code	Index code for stock price index (See Appendix 1 for details)	4	
3	Name	English name of the stock index.	140	
4	BMV (New)	Base market value of the stock price index (as of the effective date of the data in question) (Units: Yen)	30	
5	BMV (Old)	Base market value of the stock price index (as of the previous business day before the effective date). (Units: Yen) Set NULL if no data exists as of the previous business day.	30	
6	CMV (Previous)	Closing market value of the stock price index (as of the previous business day before the effective date) (Units: Yen). Set NULL if no data exists as of the previous business day.	29	
7	Adjustment in Market Value	Amount of adjustment in market value for any reason not related to dividend (ex. public placement). Amount of market value adjustment multiplied by the number of shares. (Units: Yen)	26	
8	Shares after Trading Unit Adjustment	Total number of shares of the applicable constituents' number of shares reflecting the free-float weights which are converted into trading unit (Units: Shares)	27	

4.1.3 Total Return Index (Close)

Overview : Closing Price, CMV and other results for total return index are provided. The effective date in this file is date of the data provision.

No.	Item Name	Description	Len	Remarks
1	Date	Date when applicable data is provided. Ex. For July 8, 2008, recorded as ‘20080708’.	8	
2	Code	Index code for stock price index (See Appendix 1 for details)	4	
3	Name	English name of the stock price index	140	
4	Closing Price	Day’s closing value for stock price index (Units: Points)	17	
5	ROI (from prev. month)	Comparison of day’s closing index value with that of the last business day at previous month’s end (Rate) Set NULL if no data exists for previous month’s end.	17	
6	3ROI (3 mo.)	Comparison of day’s closing index value with that of the last business day at month’s end 3 months ago (Ratio). Set NULL if no data exists for the period 3 months prior.	17	
7	ROI (6 mo.)	Comparison of day’s closing index value with that of the last business day at month’s end 6 months ago (Ratio). Set NULL if no data exists for the period 6 months prior.	17	
8	ROI (12 mo.)	Comparison of day’s closing index value with that of the last business day at month’s end 12 months ago (Ratio). Set NULL if no data exists for the period 12 months prior.	17	
9	CMV	The day’s closing market value for the stock price index (Units: Yen)	29	
10	No. of Constituents	Number of constituents used in calculating the stock price index.	6	

4.1.4 Total Return Index (Calculation Data)

Overview : Base market value of total return index for the next business date and others are provided.

No.	Item Name	Description	Len	Remarks
1	Date	Effective date of the provided data (next business day of data provision date). Ex. If data in question is provided on July 8, 2008, then it is recorded as ‘20080709’	8	
2	Code	Index code for stock price index (See Appendix 1 for details)	4	
3	Name	English name of the stock price index	140	
4	BMV (New)	Base market value of the stock price index (as of the effective date of the data in question) (Units: Yen)	30	
5	BMV (Old)	Base market value of the stock price index (as of the previous business day before the effective date) (Units: Yen) Set NULL if no data exists as of the previous business day.	30	
6	CMV (Previous)	Closing market value of the stock price index (as of the previous business day before the effective date (Units: Yen) Set NULL if no data exists as of the previous business day.	29	
7	Adjustment in Market Value	Amount of adjustment in market value for any reason not related to dividend (ex. public offer). Amount of market value adjustment multiplied by the number of shares. (Units: Yen)	26	
8	Aggregate Dividend Amount	Sum of (the total amount equal to the estimated dividend for constituent shares multiplied by the number of shares for index calculation as of the business day prior to the ex-dividend date) and (the total amount for final dividend adjustment) for the stock price index.. (Units: Yen) Total amount for final dividend adjustment is calculated as follows. Total dividend amount reported in the “Earnings Digest” – Total estimated dividend amount	26	

4.1.5 Change in Constituents Levels (Forecast)

Overview : The change in constituents levels (Forecast) is provided. The effective date in this file differs depending on each data.
(* Although the data is provided based on "syoho," it is not always provided on the publication date on "Syoho")

No.	Item Name	Description	Len	Remarks
1	Status Code	Indicates the record status. 1: New 2: Revision 3: Deletion	1	
2	Status	“New” (1), “Revised” (2), “D.Date” (3)	140	
3	Index Code	Index code for stock price index (See Appendix 1 for details)	4	
4	Index Name	English name of the stock index	140	
5	Announcement Date	Date when the data is announced Ex. If July 8, 2008, then recorded as ‘20080708’	8	
6	Publication Date on "Syoho"	Date when the information in question is published in “Syoho” Ex. If July 8, 2008, then recorded as ‘20080708’	8	
7	Local Code	Unique identifying code for each constituent, as set by the Securities Identification Code Committee. 9 digit are consisted of 4digit single bite space, 4 digit code, and one digit reserve code.	9	
8	Name	English name for the constituent	240	
9	ISIN	ISIN code for the constituents	12	
10	Index Classification Code (as of Announcement)	Indicates the market segment (as of Announcement) 0109: REIT 0111: Prime 0112: Standard 0113: Growth In the case of REIT or Infrastructure Funds, 0109 is set. For preferred equity contribution securities etc., as they are not assigned a specific market segment, it sets either of the listing market section for the index calculation. Set NULL when no Index Classification Code applies to this field. (See Appendix 1 for possible values for each index constituents)	4	
11	Index Classification (as of Announcement)	Corresponding English name for the index classification code (as of the date of record) noted in 10, above. Set NULL when NULL is set in 10, above.	120	
12	Effective Date	Effective date of the data in question Ex. If the index revision date is July 8, 2008, then recorded as ‘20080708’.	8	
13	Event Code	Indicates the Event Code.	2	

No.	Item Name	Description	Len	Remarks
		(See Appendix 2 for details)		
14	Event Type	Corresponding English name for the event code in 13, above	140	
15	Ratio1	Indicates the allocation ratio (base). NULL will be set depending on the Event. (in the case of bonus issue) Set as follows when 1 share is being split into 1.1 shares: Allocation ratio (base): 1.0000 (In the case of rights issue) Set as follows when allocating additional 0.1 shares to each 1 share in possession to make 1.1 shares: Allocation ratio (base):　1.0000 (In the case of consolidation) Set as follows when reverse splitting 10 shares into 1: Allocation ratio (base):　10.0000	11	
16	Ratio2	Indicates the Allocation ratio (allocation ratio) NULL will be set depending on the Event. (In the case of bonus isssue) Set as follows when 1 share is being split into 1.1 shares: Allocation ratio (allocation ratio):　1.1000 (In the case of rights issue) Set as follows when allocating additional 0.1 shares to each 1 share in possession to make 1.1 shares: Allocation ratio (allocation ratio):　0.1000 (In the case of consolidation) Set as follows when reverse splitting 10 shares into 1: Allocation ratio (allocation ratio):　1.0000	11	
17	Paid Amount	Indicates the issue price per share. NULL will be set depending on the Event.	26	
18	Change in No. of Shares	Indicates a change in the number of free-float shares due to an event. In the case of a drop in the number, this becomes a negative value and a '-'will be applied. NULL will be set depending on the Event.	27	
19	Index Classification Code (as of Effective Date)	Indicates the market segment (as of Effective Date) 0109:　REIT 0111:　Prime 0112:　Standard 0113:　Growth In the case of REIT or Infrastructure Funds, 0109 is set. For preferred equity contribution securities etc., as they are not assigned a specific market segment, it sets either of the listing market section for the index calculation. NULL is set if Event Type is "Deletion".	4	

No.	Item Name	Description	Len	Remarks
		(See Appendix 1 for possible values for each index constituents)		
20	Index Classification (as of Effective Date)	Corresponding English name for the index classification code noted in 19, above. Set NULL when NULL is set in 19, above.	120	
21	New Sector Code	If it is “Addition” or “Change in Sector”, indicates the sector code after such change. In case otherwise, then set NULL. (See Appendix 1 for details)	4	
22	New Sector	Corresponding English name for the new sector code noted in 21, above. (Sector classification code name) Set NULL when NULL is set in 21, above.	140	
23	New Size Code (New Index Series)	If there is a change in the size code 2, indicates the constituent size code 2 as of the effective date. In case otherwise, then set NULL. (See Appendix 1 for details)	1	
24	New Size (New Index Series)	Corresponding English name for new size code 2 noted in 23, above. Set NULL when NULL is set in 23, above.	140	
25	Prev. Announcement	Date when the data in question was recorded prior to revision. Set NULL when this record’s status is “NEW.”	8	
26	Reserved Field	Set NULL	20	
27	New FFW	In the case of “Addition” or “Change in FFW”, indicates the free-float weight (after change) or Adjustment Factor as of the effective date. In case otherwise, sets NULL.	12	Code(1)+Integer(5)+Decimal Point(1)+Fraction(5) Code will set only when it is “-“ (negative sign).
28	Previous FFW	Indicates the free-float weight or Adjustment Factor. (prior to change). If no change in the free-float weight or Adjustment Factor, set NULL.	12	
29	New Trading Unit	In the case of “Addition” or “Change in Unit”, indicates the trading unit size after change. (Units: Shares). Set NULL when there is no change in this field.	8	
30	PreviousTrading Unit	In the case of “Change in Unit”, indicates the trading unit size prior to any change in the trading unit. (Units: Shares) Set NULL when there is no change in this field.	8	
31	Previous Sector Code	In the case of “Change in sector”, indicates the sector code prior to any change. (See Appendix 1 for details) Set NULL when there is no change in this field.	4	
32	Previous Sector	Corresponding English name for the previous sector code noted in 31, above. Set NULL when NULL is set in 31, above.	140	
33	Previous Size Code (New Index Series)	Indicates the size code 2 prior to change. If no change in size code 2, then set NULL. (See Appendix 1 for details)	1	
34	Previous Size (New Index Series)	Corresponding English name for the size code 2 noted in 33, above. Set NULL when NULL is set in 33, above.	140	

No.	Item Name	Description	Len	Remarks
35	Change in No. of Shares before FFW	Indicates the change in the number of constituent shares (100% type) due to an event. (Units: Shares) In the case of a drop, it becomes a negative value, and a '-'is applied. NULL will be set depending on the Event.	27	
36	Number of Shares (as of Effective Date)	Number of shares for index calculation as of the effective date which reflect all events taking place by that date.(Units: Shares) NULL will be set depending on the Event.	27	Because this is calculated based on change data already issued as of the day the data was provided, this is subject to change should subsequent events occur on a later date.
37	Number of Shares before FFW (as of Effective Date)	Number of shares for index calculation (100% type) as of the effective date which reflect all events taking place by that date. (Units: Shares) NULL will be set depending on the Event.	27	

4.1.6 Change in Constituent Level Data (for MM/DD)

Overview : The change in constituents levels data effective on the next business date is provided. The effective date in this file is the next business day after the data is provided.Also, for the file name MMDD, the next business day after the date the data is provided will be set. (We will provide data to remind events leading to a change in the index in the following business day).

No.	Item Name	Description	Len	Remarks
1	Index Code	Index code for stock price index (See Appendix 1 for details)	4	
2	Index Name	English name of the stock index	140	
3	Effective Date	Effective date of the data in question. Ex. If data is provided on July 8, 2008, then recorded as '20080709'	8	
4	Local Code	Unique identifying code for each constituent, as set by the Securities Identification Code Committee. 9 digit are consisted of 4digit single bite space, 4 digit code, and one digit reserve code.	9	
5	Name	English name for the constituent	240	
6	ISIN	ISIN code for constituent	12	
7	Index Classification Code (as of Announcement)	Indicates the market segment (as of Announcement) 0109: REIT 0111: Prime 0112: Standard 0113: Growth In the case of REIT or Infrastructure Funds, 0109 is set. For preferred equity contribution securities etc., as they are not assigned a specific market segment, it sets either of the listing market section for the index calculation. Set NULL when no Index Classification Code applies to this field. (See Appendix 1 for possible values for each index constituents)	4	
8	Index Classification (as of Announcement)	Corresponding English name for the index classification code (as of the date of record) noted in 7, above. Set NULL when NULL is set in 7, above.	120	
9	Index Classification Code (as of Effective Date)	Indicates the market segment (as of Effective Date) 0109: REIT 0111: Prime 0112: Standard 0113: Growth In the case of REIT or Infrastructure Funds, 0109 is set. For preferred equity contribution securities etc., as they are not assigned a specific market segment, it sets either of the listing market section for the index calculation.	4	

No.	Item Name	Description	Len	Remarks
		NULL is set if Event Type is "Deletion". (See Appendix 1 for possible values for each index constituents)		
10	Index Classification (as of Effective Date)	Corresponding English name for the index classification code (as of effective date) in 7, above. Set NULL when NULL is set in 9, above.	120	
11	New Sector Code	If it is "Addition" or "Change in Sector", indicates the sector code after such change. In case otherwise, then set NULL.(See Appendix 1 for details)	4	
12	New Sector	Corresponding English name for the new sector code in 11, above (sector classification code name) Set NULL when NULL is set in 11, above.	140	
13	New Size Code (New Index Series)	If there is a change in the size code 2, indicates the constituent size code 2 as of the effective date. In case otherwise, then set NULL.(See Appendix 1 for details)	1	
14	New Size (New Index Series)	Corresponding English name for new size code 2 noted in 13, above. Set NULL when NULL is set in 13, above.	140	
15	Event Code	Indicates the event code. (See Appendix 2 for details)	2	
16	Event Type	Corresponding English name for the event code in 15, above.	140	
17	Ratio1	Indicates the allocation ratio (base). NULL will be set depending on the Event. (in the case of bonus issue) Set as follows when 1 share is being split into 1.1 shares: 　Allocation ratio (base): 1.0000 (In the case of rights issue) Set as follows when allocating additional 0.1 shares to each 1 share in possession to make 1.1 shares: 　Allocation ratio (base):　1.0000 (In the case of consolidation) Set as follows when reverse splitting 10 shares into 1: 　Allocation ratio (base):　10.0000	11	
18	Ratio2	Indicates the Allocation ratio (allocation ratio) NULL will be set depending on the Event. (In the case of bonus isssue) Set as follows when 1 share is being split into 1.1 shares: 　Allocation ratio (allocation ratio):　1.1000 (In the case of rights issue) Set as follows when allocating additional 0.1 shares to each 1 share in possession to make 1.1 shares: 　Allocation ratio (allocation ratio):　0.1000	11	

No.	Item Name	Description	Len	Remarks
		(In the case of consolidation) Set as follows when reverse splitting 10 shares into 1: Allocation ratio (allocation ratio): 1.0000		
19	Paid Amount	Indicates the issue price per share. NULL will be set depending on the Event.	26	
20	Change in No. of Shares	Indicates a change in the number of free-float shares due to a event. In the case of a drop in the number, this becomes a negative value, and a '-'will be added. NULL will be set depending on the Event.	27	
21	Publication Date on "Syoho"	Date when the information in question is published in "Syoho". Ex. If July 8, 2008, then recorded as "20080708."	8	
22	Reserved Field	Reserve field	20	
23	New FFW	In the case of "Addition" or "Change in FFW", indicates the free-float weight (after change) or Adjustment Factor as of the effective date. In case otherwise set NULL.	12	Code(1)+Integer(5)+ Decimal Point(1)+Fraction(5) Code will set only when it is "-" (negative sign).
24	Previous FFW	Indicates the free-float weight or Adjustment Factor. (prior to change). If no change in the free-float weight or Adjustment Factor, then set NULL.	12	
25	New Trading Unit	In the case of "Addition" or "Change in Unit", indicates the trading unit size after change. (Units: Shares). Set NULL when there is no change in data.	8	
26	Previous Trading Unit	In the case of "Change in Unit", indicates the trading unit size prior to any change in the trading unit. (Units: Shares) Set NULL when there is no change in data.	8	
27	Previous Sector Code	In the case of "Change in Sector", indicates the sector code prior to any change. (See Appendix 1 for details) Set NULL when there is not change in data.	4	
28	Previous Sector	Corresponding English name for the previous sector code noted in 27, above. Set NULL when NULL is set in 27, above.	140	
29	Previous Size Code (New Index Series)	Indicates the size code 2 prior to change. If no change in size code 2, then set NULL. (See Appendix 1 for details).	1	
30	Previous Size (New Index Series)	Corresponding English name for the size code 2 noted in 29, above. Set NULL when NULL is set in 29, above.	140	
31	Change in No. of Shares before FFW	Indicates the change in the number of constituent shares (100% type) due to an event. (Units: Shares). In the case of a drop, this becomes a negative value, and a '-'is added. NULL will be set depending on the Event.	27	
32	Number of	Number of shares for index calculation as of the effective date which reflect all events taking place	27	

No.	Item Name	Description	Len	Remarks
	Shares (as of Effective Date)	by that date.(Units: Shares) NULL will be set depending on the Event.		
33	Number of Shares before FFW (as of Effective Date)	Number of shares for index calculation (100% type) as of the effective date which reflect all events taking place by that date. (Units: Shares) NULL will be set depending on the Event.	27	

4.1.7 Index Constituent Master (for MM/DD)

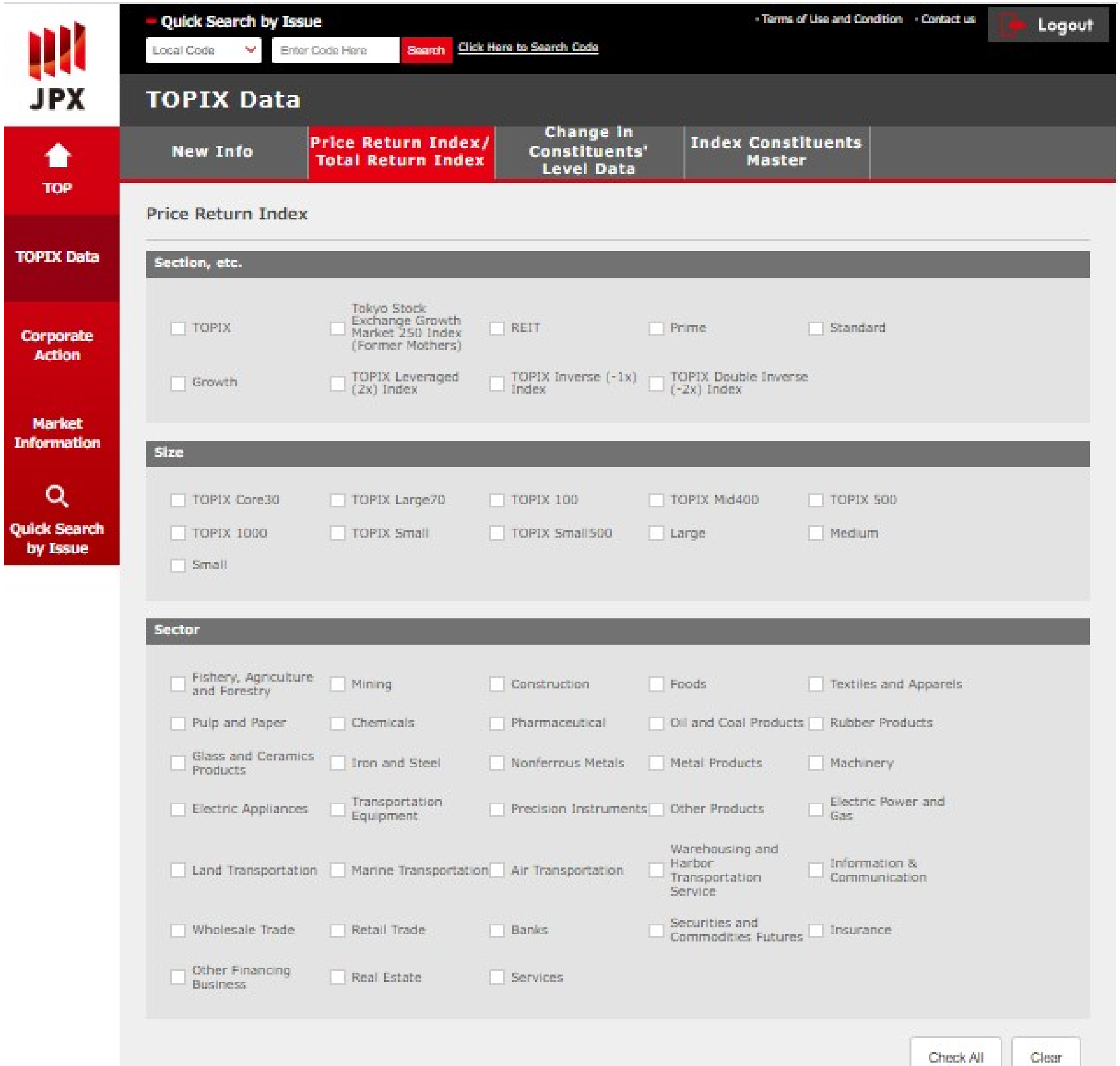
Overview : The index constituent master for date specified in the file name is provided.

The effective date (the next business day after the data is provided) is set in the MMDD of the file name. This file is posted for two business days, to allow time for downloading.

No.	Item Name	Description	Len	Remarks
1	Date	Effective date of the data. Ex. If data in question is provided on July 8, 2008, then recorded as '20080709.'	8	
2	Local Code	Unique identifying code for each constituent, as set by the Securities Identification Code Committee. 9 digit are consisted of 4digit single bite space, 4 digit code, and one digit reserve code.	9	
3	Name	English name for the constituent.	240	
4	ISIN	ISIN code for the constituent.	12	
5	Index Classification Code	Indicates the market segment 0109: REIT 0111: Prime 0112: Standard 0113: Growth In the case of REIT or Infrastructure Funds, 0109 is set. For preferred equity contribution securities etc., as they are not assigned a specific market segment, it sets either of the listing market section for the index calculation. (See Appendix 1 for possible values for each index constituents)	4	
6	Index Classification	Corresponding English name for the index classification code in 5, above.	120	
7	Sector Code	The category of the industry to be set when it is a constituent stock of the stock price index by industry. Set NULL if it is not a constituent stock of the stock index by industry (See Appendix 1 for details)	4	
8	Sector	Corresponding English name for the sector code in 7, above. Set NULL when NULL is set in 7, above.	140	
9	Size Code (TOPIX)	The size code 1 classification set if a constituent is a component of Size–based TOPIX sub-indices. Set NULL when the constituent is not a component of Size-based TOPIX. (See Appendix 1 for details)	1	
10	Size (TOPIX)	Corresponding English name for the size code 1 in 9, above. Set NULL when NULL is set in 9, above.	140	
11	Size Code (New Index Series)	The size code 2 classification set if a constituent is a component of a new index series. Set NULL when the constituent is not a component of new index series. (See Appendix 1 for details)	1	
12	Size (New Index Series)	Corresponding English name for the size code 2 in 11, above. Set NULL when NULL is set in 11, above.	140	

No.	Item Name	Description	Len	Remarks
13	Prev. Close for Indexes Calculation	Closing or other applicable price used for index calculation on the date data is provided.	20	
14	No. of Shares	Number of shares for index calculation reflecting FFW on effective date(Units: Shares)	27	
15	Dividend Amount	Forecast dividend per share related to the ex-dividend and final dividend adjustment per share (Units: Yen) If no dividend, then set NULL. Dividend per share reported in the “Earnings Digest” – Estimated dividend per share	26	These data are used for calculation of total return index.
16	Aggregate Dividend Amount	Sum of (Product of the forecast dividend per share related to the ex-dividend, and No.of Shares on the business day prior to the ex-dividend date) and (total amount for final dividend adjustment) for the constituent. (Units: Yen) If no dividend, then set NULL. Total amount for final dividend adjustment is calculated as follows. Total dividend amount reported in the “Earnings Digest” – Total estimated dividend amount	26	
17	Change in No. of Shares	“No. of Shares” from 14, above, less the “Prev. No. of Shares” from 1, above. Set NULL if the number of shares for index on the business day before the date of item 1 does not exist Set NULL if the number of stocks for the index on the previous business day is 0 and any event related to the change in the number of stocks for the index occurs on the data application date.	27	
18	Prev. Close for Indexes Calculation	Final market capitalization on the data application date of the issue（unit：yen）	29	
19	Trading Unit	Indicates the trading unit size for the constituent.	8	
20	FFW	Indicates the free-float weight or Adjustment Factor applied to each index	12	Code(1)+Integer(5)+Decimal Point(1)+Fraction(5) Code will set only when it is “-“ (negative sign).
21	No. of Shares before FFW	Number of shares for index calculation (100% type) which does not refelect FFW (Units: Shares)	27	
22	Calculation Base Price	The first price used in calculating the index when the price of the constituent in question has not been determined by trading or special quotation posting in the time prior to the timing of the initial index calculation on the effective date (Unit: Yen).	20	
23	Index Code	Index code for stock price index (See Appendix 1 for details)	4	
24	Index Name	English name of the stock index	140	

4.2 Price Return Index/Total Return Index File Output Screen



4.2.1　Price Return Index (Search)

Overview : Closing Price, CMV and others in the selected period are provided. The search period has different retention periods (daily basis/ past 2 years, monthly basis/ 2 years, annual basis/ 10 years).
Leveraged Index and TOPIX Inverse index can be specified from March 1, 2021.

No.	Item Name	Description	Len	Remarks
1	Code	Index code for the stock price index in question. (See Appendix 1 for details)	4	
2	Name	Corresponding English name for the stock price index. Set NULL for TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index.	140	
3	Date	1　If searched by daily cycle, then set the YYYYMMDD the data in question is recorded (Western calendar) Ex.　If July 8, 2008, then recorded as ‘20080708.’ 2　If searched by monthly cycle, then set the YYYYMM the data in question is recorded (Western calendar) Ex.　If July 2008, then recorded as ‘200807’ 3　If searched by annual cycle, then set the YYYY the data in question is recorded (Western Calendar) Ex.　If 2008, then recorded as ‘2008’.	8	
4	Closing Price	The day’s closing price for the stock price index in question (Units: Points)	17	
5	Points Change	1　If specifying by day, the comparison between the closing index value on the search date, and the closing index value on its previous date.(Difference) 2　If specifying by month, the comparison between the closing index value on the search month, and the closing index value on its previous month. (Difference) 3　If specifying by year, the comparison between the closing index value on the search year, and the closing index value on its previous year.　(Difference) Set NULL when there is no recent data for comparison.	17	
6	% Change	1　If specifying by day, the comparison between the closing index value on the search date, and the closing index value on its previous date.(Ratio) 2　If specifying by month, the comparison between the closing index value on the search month, and the closing index value on its previous month. (Ratio) 3　If specifying by year, the comparison between the closing index value on the search year, and the closing index value on its previous year.　(Ratio) Set NULL when there is no recent data for comparison.	16	
7	CMV	Current market value for the stock price index in question at the point subject to search. (Units: Yen) Always set 0.0000000 for TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index.	29	

No.	Item Name	Description	Len	Remarks
8	BMV	Base market value for the stock price index in question at the point subject to search. (Units: Yen) Set NULL for TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index.	30	
9	Shares after Trading Unit Adjustment	Total of the applicable constituents' number of shares reflecting the free-float weights which are converted intotrading unit (Units: Shares) Set NULL for TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index.	27	
10	No. of Constituents	Number of constituents used in calculating the stock price index in question. Set 0 for TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index.	6	

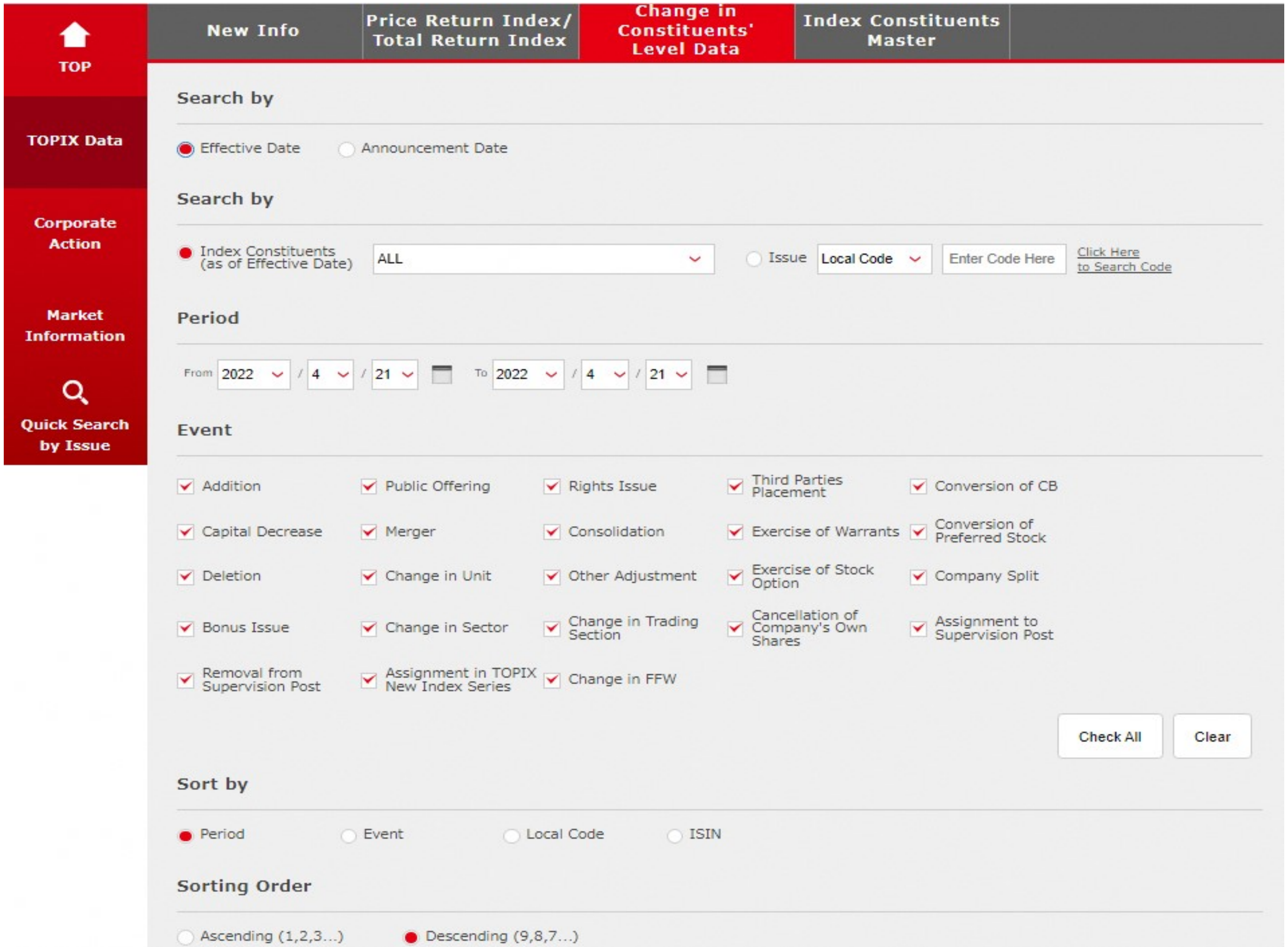
4.2.2　Total Return Index (Search)

Overview : Closing Price, CMV and others for total return index in the selected period are provided. The search period have different retention periods (daily basis/ past 2 years, monthly basis/ 2 years, annual basis/ 10 years).

No.	Item Name	Description	Len	Remarks
1	Code	Index code for the stock price index in question. (See Appendix 1 for details)	4	
2	Name	Corresponding English name for the stock price index	140	
3	Date	1　If searched by daily cycle, then set the YYYYMMDD the data in question is recorded . (Western calendar) Ex.　If July 8, 2008, then recorded as '20080708.' 2　If searched by monthy cycle, then set the YYYYMM the data in question is recorded. (Western calendar) Ex.　If July 2008, then recorded as '2008/07' 3　If searched by anuual cycle, then set the YYYY the data in question is recorded. (Western Calendar) Ex.　If 2008, then recorded as '2008'.	8	
4	Closing Price	The day's closing price for the stock price index in question (Units: Points)	17	
5	CMV	Current market value for the stock price index in question at the point subject to search (Units: Yen)	29	
6	BMV	Base market value for the stock price index in question at the point subject to search (Units: Yen).	30	
7	Aggregate Dividend Amount	Sum of (the total amount equal to the estimated dividend for constituent shares multiplied by the number of shares for index calculation as of the business day prior to the ex-dividend date) and (the total amount for final dividend adjustment) for the stock price index. (Units: Yen) Total amount for final dividend adjustment　is calculated as follows. Total dividend amount reported in the "Earnings Digest" – Total estimated dividend amount	26	
8	Shares after Trading Unit Adjustment	Total of the applicable constituents' number of shares reflecting the free-float weights which are converted intotrading unit (Units: Shares)	27	
9	Points Change	1　If specifying by day, the comparison between the closing index value on the search date, and the closing index value on its previous date.(Difference) 2　If specifying by month, the comparison between the closing index value on the search month, and the closing index value on its previous month. (Difference) 3　If specifying by year, the comparison between the closing index value on the search year, and the closing index value on its previous year.　(Difference) Set NULL when there is no recent data for comparison.	17	
10	% Change	1　If specifying by day, the comparison between the closing index value on the search date, and the closing index value on its previous date.(Ratio) 2　If specifying by month, the comparison between the closing index value on the search	16	

No.	Item Name	Description	Len	Remarks
		month, and the closing index value on its previous month. (Ratio) 3 If specifying by year, the comparison between the closing index value on the search year, and the closing index value on its previous year. (Ratio) Set NULL when there is no recent data for comparison.		
11	ROI (from prev. month)	1 If specifying by day, the ratio between the closing index value on the search date, and the closing index value on the previous month. (Ratio) 2 If specifying by month, the ratio between the closing index value on the search month, and the closing index value for the previous month. (Ratio). 3 If specifying by year, don't set. Set NULL when there is no recent data for comparison.	17	
12	ROI (3 mo.)	1 If specifying by day, the ratio between the closing index value on the search date, and the closing index value on the month 3 month's prior. (Ratio). 2 If specifying by month, the ratio between the closing index value on the search month, and the closing index value on the month 3 month's prior. (Ratio). 3 If specifying by year, don't set. Set NULL when there is no recent data for comparison.	17	
13	ROI (6 mo.)	1 If specifying by day, the ratio between the closing index value on the search date, and the closing index value on the month 6 month's prior. (Ratio). 2 If specifying by month, the ratio between the closing index value on the search month, and the closing index value on the month 6 month's prior. (Ratio). 3 If specifying by year, don't set. Set NULL when there is no recent data for comparison.	17	
14	ROI (12 mo.)	1 If specifying by day, the ratio between the closing index value on the search date, and the closing index value on the month 12 month's prior. (Ratio). 2 If specifying by month, the ratio between the closing index value on the search month, and the closing index value on the month 12 month's prior. (Ratio). 3 If specifying by year, don't set. Set NULL when there is no recent data for comparison.	17	
15	No. of Constituents	Number of constituents used in calculating the stock price index in question.	6	

4.3 File Output Screen for Change in Constituents' Level Data



4.3.1　Change in Constituent's Level Data (Search)

Overview : The change in constituent's level data in the selected period is provided. A period from the past 2 years to the end of the next year can be selected upon the search.

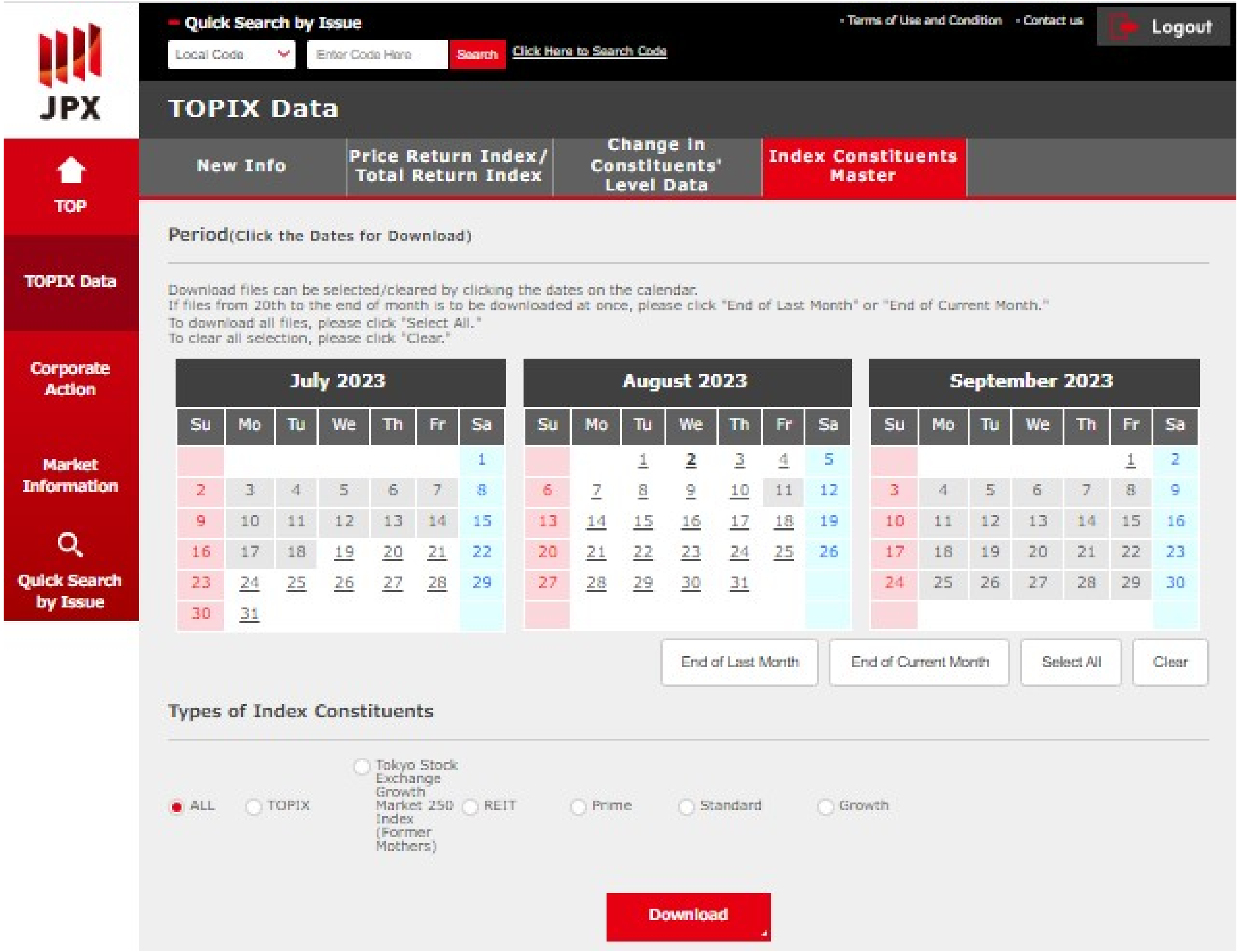
No.	Item Name	Description	Len	Remarks
1	Status Code	Indicates the record status. 0: New record or revised data 1: Data prior to revision (Status displayed for original data that has been revised after initial notification) 2: Data prior to deletion (Status displayed for original data that has been notified and then subsequently deleted) 3：Deleted data (Status displayed for deletion notification data itself , to cancel original data that had been notified before)	1	
2	Status	"△" (0), "Prev" (1), "Delete" (2), "D.Date" (3)	140	
3	Index Code	Index code for stock price index (See Appendix 1 for details)	4	
4	Index Name	English name of the stock index	140	
5	Effective Date	Date the data in question was or will be applied. Ex.　If July 8, 2008, then recorded as '20080708.'	8	
6	Announcement Date	Date the data in question was announced. Ex.　If July 8, 2008, then recorded as '20080708.'	8	
7	Publication Date on "Syoho"	Date the data in question was published in 'Syoho' Ex.　If July 8, 2008, then recorded as '20080708.'	8	
8	Local Code	Unique identifying code for each constituent, as set by the Securities Identification Code Committee. 9 digit are consisted of 4digit single bite space, 4 digit code, and one digit reserve code.	9	
9	Name	English name for the constituent	240	
10	ISIN	ISIN code for the constituent	12	
11	Index Classification Code (as of Announcement)	Indicates the market segment (as of Announcement) 0109:　REIT 0111:　Prime 0112:　Standard 0113:　Growth In the case of REIT or Infrastructure Funds, 0109 is set. For preferred equity contribution securities etc., as they are not assigned a specific market segment, it sets either of the listing market section for the index calculation. Set NULL when no Index Classification Code applies to this field. (See Appendix 1 for possible values for each index constituents)	4	

No.	Item Name	Description	Len	Remarks
12	Index Classification (as of Announcement)	Corresponding English name for the index classification code (as of the date information is recorded) noted in 11, above. Set NULL when NULL is set in 11, above.	120	
13	Event Code	Indicates the Event Code. (See Appendix 2 for details)	2	
14	Event Type	Corresponding English name for the Event Code noted in 13, above.	140	
15	Ratio1	Indicates the allocation ratio (base). NULL will be set depending on the Event. (in the case of bonus issue) Set as follows when 1 share is being split into 1.1 shares: Allocation ratio (base): 1.0000 (In the case of rights issue) Set as follows when allocating additional 0.1 shares to each 1 share in possession to make 1.1 shares: Allocation ratio (base):　1.0000 (In the case of consolidation) Set as follows when reverse splitting 10 shares into 1: Allocation ratio (base):　10.0000	11	
16	Ratio2	Indicates the Allocation ratio (allocation ratio) NULL will be set depending on the Event. (In the case of bonus isssue) Set as follows when 1 share is being split into 1.1 shares: Allocation ratio (allocation ratio):　1.1000 (In the case of rights issue) Set as follows when allocating additional 0.1 shares to each 1 share in possession to make 1.1 shares: Allocation ratio (allocation ratio):　0.1000 (In the case of consolidation) Set as follows when reverse splitting 10 shares into 1: Allocation ratio (allocation ratio):　1.0000	11	
17	Paid Amount	Indicates the issue price per share. NULL will be set depending on the Event.	26	
18	Change in No. of Shares	Indicates a change in the number of free-float shares due to an event. In the case of a drop in the number, this becomes a negative value, and a '-'is added.	27	
19	Index Classification Code (as of Effective Date)	Indicates the market segment (as of Effective Date) 0109:　REIT 0111:　Prime 0112:　Standard 0113:　Growth	4	

No.	Item Name	Description	Len	Remarks
		In the case of REIT or Infrastructure Funds, 0109 is set. For preferred equity contribution securities etc., as they are not assigned a specific market segment, it sets either of the listing market section for the index calculation. NULL is set if Event Type is “Deletion”. (See Appendix 1 for possible values for each index constituents)		
20	Index Classification (as of Effective Date)	Corresponding English name for the index classification code noted in 19, above. Set NULL when NULL is set in 19, above.	120	
21	New Sector Code	If it is “Addition” or “Change in Sector”, indicates the sector code after such change. In case otherwise, then set NULL.(See Appendix 1 for details)	4	
22	New Sector	Corresponding English name for the new sector code noted in 21, above. (Sector classification code name). Set NULL when NULL is set in 21, above.	140	
23	New Size Code (New Index Series)	If there is a change in the size code 2, indicates the constituent size code 2 as of the effective date. In case otherwise, then set NULL. (See Appendix 1 for details)	1	
24	New Size (New Index Series)	Corresponding English name for the new size code 2 noted in 23, above. Set NULL when NULL is set in 23, above.	140	
25	Reserved Field	Set NULL.		
26	New FFW	In the case of “Addition” or “Change in FFW”, indicates the free-float weight (after change) or Adjustment Factor as of the effective date. In case otherwise set NULL.	12	Code(1)+Integer(5)+Decimal Point(1)+Fraction(5) Code will set only when it is “-“ (negative sign).
27	Previous FFW	Indicates free-float weight or Adjustment Factor. (prior to change). If no change in the free-float weight or Adjustment Factor, set NULL.	12	
28	New Trading Unit	In the case of “Addition” or “Change in Unit”, indicates the trading unit size after change. (Units: Shares). Set NULL when there is no change in data.	8	
29	Previous Trading Unit	In the case of “Change in Unit”, indicates the trading unit size prior to any change in the trading unit. (Units: Shares) Set NULL when there is no change in data.	8	
30	Previous Sector Code	In the case of “Change in Sector”, indicates the sector code prior to any change. Set NULL when there is no change in data. (See Appendix 1 for details)	4	
31	Previous Sector	Corresponding English name for the prior sector code noted in 30, above. Set NULL when NULL is set in 30, above.	140	
32	Previous Size Code (New Index Series)	Indicates the size code 2 prior to change. If no change in size code 2, then set NULL. (See Appendix 1 for details).	1	

No.	Item Name	Description	Len	Remarks
33	Previous Size (New Index Series)	Corresponding Englsih name for the size code 2 noted in 32, above. Set NULL when NULL is set in 32, above.	140	
34	Number of Shares (as of Effective Date)	Number of shares for index calculation as of the effective date which reflect all events taking place by that date.(Units: Shares) NULL will be set depending on the Event.	27	Because this is calculated based on change data already issued as of the day the search is being conducted, this is subject to change should subsequent events occur on a later date.
35	Change in No. of Shares before FFW	Indicates the change in the number of constituent shares (100% type) due to an event (Unit: Share). In the case of a drop, this becomes a negative value, a ‘-‘is added. NULL will be set depending on the Event.	27	
36	Number of Shares before FFW (as of Effective Date)	Number of shares for index calculation (100% type) as of the effective date which reflect all events taking place by that date. (Units: Shares) NULL will be set depending on the Event.	27	Because this is calculated based on change data already issued as of the day the search is being conducted, this is subject to change should subsequent events occur on a later date.

4.4 Index Master Constituents File Output Screen



4.4.1　Index Constituents Master (Search)

Overview : The index constituent master in the selected period is provided. A period from previous 10 days up to the following one month can be selected.

When the subject search date is the next business day of the search date or thereafter, the data set in the applicable file has reflected the Change in Constituents' Level Data shown in 4.3, provided as of the search date. Thus, keep in mind that should subsequent events occur on a later date, the contents of data shown below may change.

No.	Item Name	Description	Len	Remarks
1	Date	Effective date of the data in question (the search subject date) Ex.　If effective date for applicable data is July 8, 2008, then record as '20080708'	8	
2	Local Code	Unique identifying code for each constituent, as set by the Securities Identification Code Committee. 9 digit are consisted of 4digit single bite space, 4 digit code, and one digit reserve code.	9	
3	Name	English name for the constituent	240	
4	ISIN	ISIN code for the constituent	12	
5	Index Classification Code	Indicates the market segment 0109:　REIT 0111:　Prime 0112:　Standard 0113:　Growth In the case of REIT or Infrastructure Funds, 0109 is set. For preferred equity contribution securities etc., as they are not assigned a specific market segment, it sets either of the listing market section for the index calculation. (See Appendix 1 for possible values for each index constituents)	4	
6	Index Classification	Corresponding English name for the index classification code noted in 5, above.	120	
7	Sector Code	Sector classification for the constituent. Set NULL when the constituent is not component of Sector. (See Appendix 1 for details)	4	
8	Sector	Corresponding English name for the sector code in 7, above. Set NULL when NULL is set in 7, above.	140	
9	Size Code (TOPIX)	The size code 1 classification set if a constituent is a component of Size-based TOPIX sub-indices. Set NULL when the constituent is not component of Sized-based TOPIX. (See Appendix 1 for details)	1	
10	Size (TOPIX)	Corresponding English name for the size code 1 in 9, above. Set NULL when NULL is set in 9, above.	140	
11	Size Code (New Index Series)	The size code 2 classification set if a constituent is a component of a new index series. Set NULL when the constituent is not component of new index series. (See Appendix 1 for details)	1	
12	Size (New Index	Corresponding English name for the size code 2 in 11, above. Set NULL when NULL is set in 11,	140	

No.	Item Name	Description	Len	Remarks
	Series)	above.		
13	Close for Indexes Calculation	Closing or other applicable price used for index calculation on the date data is provided. 1. If date in question is the next business day of the search date or thereafter then set NULL.	20	
14	No. of Shares	Number of shares for index calculation reflecting FFW on effective date (Units: Shares)	27	
15	Dividend Amount	Forecast dividend per share relating to ex-dividend and final dividend adjustment per share. (Units: Yen) If no dividend, then set NULL . 1. Set NULL if date in question is the next business day of the search date or thereafter Final dividend adjustment per share is calculated as follows. Dividend per share reported in the “Earnings Digest” – Estimated dividend per share	26	These data are used for calculation of total return index..
16	Aggregate Dividend Amount	Sum of (Product of the forecast dividend per share relating to the ex-dividend, and the number of constituent shares as of the business day prior to the ex-dividend date) and (total amount for final dividend adjustment) for the constituent. . (Units: Yen). If no dividend, then set to NULL. 1. Set all to NULL if date in question is more than two business days after the date data is provided. Total amount for final dividend adjustment is calculated as follows. Total dividend amount reported in the “Earnings Digest” – Total estimated dividend amount	26	
17	Change in No. of Shares	Number of constituent shares in 14, above, less the number of constituent shares as of the business day prior to the date in 1, above. Set NULL when there is no data in 14, above, on business day prior to the date 1, above. Set NULL when a) No. 16 (Prev. No. of Shares) is “0”, and b) event which effects the change in Consitituent’ level data on such effective date.	27	
18	CMV	Closing market value on the effective date the data for the constituent in question is applied (Unit: Yen). 1. Set to NULL if date in question is more than one business day after the date data is provided.	29	
19	Trading Unit	Indicates the trading unit of the constituent in question.	8	
20	FFW	Indicates the free-float weight or Adjustment Factor applied to each index.	12	Code(1)+Integer(5)+ Decimal Point(1)+Fraction(5) Code will set only when it is “-“ (negative sign).
21	No. of Shares before FFW	Indicates the number of constituent shares (100% type) (Units: Shares)	27	
22	Calculation	The first price used in calculating the index when the price of the constituent in question has not	20	

No.	Item Name	Description	Len	Remarks
	Base Price	changed (due to contract terms or special market conditions) in the time prior to the timing of the initial index calculation on the effective date of the data. (Unit: Yen). 1. Set all to NULL if date is more than two business days after the date data is provided.		
23	Index Code	Index code for stock price index (See Appendix 1 for details)	4	
24	Index Name	English name of the stock index	140	

5. Other Items to Note

5.1 Notes for Change in Constituents Levels (Forecast)

(1) Notes for "Status Code"
Below is a sample of how "Status Code" are set (including revision and deletion data).
When you find data prior to revision and/or deletion and you identify unique data in the file "Change in Constituents Levels (Forecast)", you can use Status Code, Index Code, Publication Date on Syoho, Local Code, Index Classification Code (as of Announcement), Effective Date, Event Code and Index Classification Code (as of Effective Date).

The below was sent as new data on June 1, 2022.

Status Code	Status	Index Code	Announcement Date	Publication Date on Syoho	Local Code	Index Classification Code (as of Announcement)	Effective Date	Event Code	Event Type	Change in No. of Shares	Index Classification Code (as of Effective Date)
1	New	0000	20220601	20220601	99990	0111	20220630	06	Third Parties Placement	500000	0111

1. Revision (revised data sent when Change in No. of Shares for the above already-sent data was changed the following day from 500,000 to 750,000)

Status Code	Status	Index Code	Announcement Date	Publication Date on Syoho	Local Code	Index Classification Code (as of Announcement)	Effective Date	Event Code	Event Type	Change in No. of Shares	Index Classification Code (as of Effective Date)
2	***Revised***	0000	***20220602***	20220601	99990	0111	20220630	06	Third Parties Placement	***750000***	0111

Change in No. of Shares has been revised to '750000', and Status Code is set as '2'. Sending date is set in the Announcement Date field. Information in bold italics differs from the prior record.

2. Deletion (deleted data sent when the above already-sent data was deleted the following day)

Status Code	Status	Index Code	Announcement Date	Publication Date on Syoho	Local Code	Index Classification Code (as of Announcement)	Effective Date	Event Code	Event Type	Change in No. of Shares	Index Classification Code (as of Effective Date)
3	***D.Date***	0000	***20220603***	20220601	99990	0111	20220630	06	Third Parties Placement	***NULL***	0111

Status Code is set as '3'. Sending date is set in the Announcement Date field. Information in bold italics differs from that prior to data being deleted.

(2) Notes for “Index Classification Code”
Below is a sample of how “Index Classification Code” are set.
The file “Change in Constituents Levels Data (Forecast)” has the records of the constituents in several indices and market segments.
You identify which index/segment each record is connected to, using Index Code, Index Classification Code (as of Announcement) and Index Classification Code (as of Effective Date).

Ex. Deleted from Growth Index and Added into Prime Index
(“Change in Constituents Levels Data (Forecast)”)

Status Code	Status	Index Code	Announcement Date	Publication Date on Syoho	Local Code	Index Classification Code (as of Announcement)	Effective Date	Event Code	Event Type	Change in No. of Shares	Index Classification Code (as of Effective Date)	New Sector Code	New Sector Classification
1	New	***5000***	20220601	20220601	99990	***NULL***	20220607	00	Addition	500000	***0111***	8050	Real Estate
1	New	***5002***	20220601	20220601	99990	***0113***	20220607	19	Deletion	NULL	***NULL***	NULL	NULL

* Information in bold italics are Index Code, Index Classification Code (as of Announcement) and Index Classification Code (as of Effective Date).

5.2 Posting of Numerical Data

LEN values noted for numerical data include codes and decimal points (with the exception of codes and dates).
Below is the display format to be followed for each type of data unless stated otherwise in Remarks.

Item No.	LEN	Display Format	Content	Remarks
1	5	sN.NN	Code (1) +Integer (1) +Decimal Point (1) +Fraction (2)	
2	6	sNNNNN	Code (1) +Integer (5)	
3	8	sNNNNNNN	Code (1) +Integer (7)	
4	11	sNNNNN.NNNN	Code (1) +Integer (5) +Decimal Point (1) +Fraction (4)	
5	16	sNNNNNNNNNNNN.NN	Code (1) +Integer (12) +Decimal Point (1) +Fraction (2)	
6	17	sNNNNNNNNNNNNN.NN	Code (1) +Integer (13) +Decimal Point (1) +Fraction (2)	
7	20	sNNNNNNNNNNNNNN.NNNN	Code (1) +Integer (14) +Decimal Point (1) +Fraction (4)	
8	26	sNNNNNNNNNNNNNNNNNNNN.NNNN	Code (1) +Integer (20) +Decimal Point (1) +Fraction (4)	
9	27	sNNNNNNNNNNNNNNNNNNNN.NNNNN	Code (1) +Integer (20) +Decimal Point (1) +Fraction (5)	
10	29	sNNNNNNNNNNNNNNNNNNNN.NNNNNNN	Code (1) +Integer (20) +Decimal Point (1) +Fraction (7)	
11	30	sNNNNNNNNNNNNNNNNNNNN.NNNNNNNN	Code (1) +Integer (20) +Decimal Point (1) +Fraction (8)	

s：Indicates Code. Will display only when '-'.
N：Indicates numerical data.

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Appendix 1

No.	Index		Code for Index Level File		Code for Constituent Level File			
			Price Return Index Code	Total Return Index Code	Index Classification	Sector	Scale Code 1	Scale Code 2
1	TOPIX		0000	6000	0111, 0112 or 0113	△△△△	△	△
2	Size-based TOPIX Sub-indices	Large	0002	6002	0111, 0112 or 0113	△△△△	1	△
3		Medium	0003	6003	0111, 0112 or 0113	△△△△	2	△
4		Small	0004	6004	0111, 0112 or 0113	△△△△	3	△
5	TOPIX Sector Indices	Fishery Agriculture and Forestry	0040	6040	0111, 0112 or 0113	0050	△	△
6		Mining	0041	6041	0111, 0112 or 0113	1050	△	△
7		Construction	0042	6042	0111, 0112 or 0113	2050	△	△
8		Foods	0043	6043	0111, 0112 or 0113	3050	△	△
9		Textiles and Apparels	0044	6044	0111, 0112 or 0113	3100	△	△

10		Pulp and Paper	0045	6045	0111, 0112 or 0113	3150	△	△
11		Chemicals	0046	6046	0111, 0112 or 0113	3200	△	△
12		Pharmaceutical	0047	6047	0111, 0112 or 0113	3250	△	△
13		Oil and Coal Products	0048	6048	0111, 0112 or 0113	3300	△	△
14		Rubber Products	0049	6049	0111, 0112 or 0113	3350	△	△
15		Glass and Ceramics Products	004A	604A	0111, 0112 or 0113	3400	△	△
16		Iron and Steel	004B	604B	0111, 0112 or 0113	3450	△	△
17		Nonferrous Metals	004C	604C	0111, 0112 or 0113	3500	△	△
18		Metal Products	004D	604D	0111, 0112 or 0113	3550	△	△
19		Machinery	004E	604E	0111, 0112 or 0113	3600	△	△
20		Electric Appliances	004F	604F	0111, 0112 or 0113	3650	△	△
21		Transportation Equipment	0050	6050	0111, 0112 or 0113	3700	△	△

22		Precision Instruments	0051	6051	0111, 0112 or 0113	3750	△	△
23		Other Products	0052	6052	0111, 0112 or 0113	3800	△	△
24		Electric Power and Gas	0053	6053	0111, 0112 or 0113	4050	△	△
25		Land Transportation	0054	6054	0111, 0112 or 0113	5050	△	△
26		Marine Transportation	0055	6055	0111, 0112 or 0113	5100	△	△
27		Air Transportation	0056	6056	0111, 0112 or 0113	5150	△	△
28		Warehousing and Harbor Transportation Service	0057	6057	0111, 0112 or 0113	5200	△	△
29		Information & Communication	0058	6058	0111, 0112 or 0113	5250	△	△
30		Wholesale Trade	0059	6059	0111, 0112 or 0113	6050	△	△
31		Retail Trade	005A	605A	0111, 0112 or 0113	6100	△	△
32		Banks	005B	605B	0111, 0112 or 0113	7050	△	△

33		Securities and Commodities Futures	005C	605C	0111, 0112 or 0113	7100	△	△
34		Insurance	005D	605D	0111, 0112 or 0113	7150	△	△
35		Other Financing Business	005E	605E	0111, 0112 or 0113	7200	△	△
36		Real Estate	005F	605F	0111, 0112 or 0113	8050	△	△
37		Services	0060	6060	0111, 0112 or 0113	9050	△	△
38	Tokyo Stock Exchange Growth Market 250 Index		0070	6070	0111, 0112 or 0113	△△△△	△	△
39	REIT		0075	6075	0109	-	-	-
40	TOPIX New Index Series	TOPIX Core30	0028	6028	0111, 0112 or 0113	△△△△	△	1
41		TOPIX Large70	0029	6029	0111, 0112 or 0113	△△△△	△	2
42		TOPIX100	002A	602A	0111, 0112 or 0113	△△△△	△	1 or 2
43		TOPIX Mid400	002B	602B	0111, 0112 or 0113	△△△△	△	4
44		TOPIX500	002C	602C	0111, 0112 or 0113	△△△△	△	1, 2 or 4
45		TOPIX1000	002E	602E	0111, 0112 or 0113	△△△△	△	1, 2, 4 or 6

46		TOPIX Small	002D	602D	0111, 0112 or 0113	△△△△	△	6 or 7 (*1)
47		TOPIX Small500	002F	602F	0111, 0112 or 0113	△△△△	△	6
48	TOPIX Leveraged (2x) Index		1000	-	-	-	-	-
49	TOPIX Inverse (-1x) Index		1001	-	-	-	-	-
50	TOPIX Double Inverse (-2x) Index		1002	-	-	-	-	-
51	Tokyo Stock Exchange Prime Market Index		5000	7000	0111	△△△△	△	△
52	Tokyo Stock Exchange Standard Market Index		5001	7001	0112	△△△△	△	△
53	Tokyo Stock Exchange Growth Market Index		5002	7002	0113	△△△△	△	△

*1 Scale Code 2 for TOPIX Small is divided into “TOPIX Small 1” and “TOPIX Small 2.” “TOPIX Small 1” includes those constituents of TOPIX Small which are included in TOPIX 1000 and TOPIX Small500, while “TOPIX Small 2” includes those constituents of TOPIX Small which are not included in TOPIX 1000 and TOPIX Small500.

*2 “△” and “△△△△” indicate any value set for each constituent. “-“ indicates NULL.

Appendix 2

No	Event Code	Description	No	Event Code	Description	No	Event Code	Description
1	00	Addition	9	16	Exercise of Warrants	17	C1	Change in Sector
2	02	Public Offering	10	18	Conversion of Preferred Stock	18	C2	Change in Trading Section
3	05	Rights Issue	11	19	Deletion	19	J1	Cancellation of Company's Own Shares
4	06	Third Parties Placement	12	30	Change in Unit	20	SK	Change in Scall Code 2
5	08	Conversion of CB	13	90	Other Adjustment	21	FR	Change in FFW
6	13	Capital Decrease	14	95	Exercise of Stock Option			
7	14	Merger	15	96	Company Split			
8	15	Consolidation	16	B1	Bonus Issue			

Record of Changes

No	version	Date	Pages	Changes
1	1.0	2008/5/22		Initial Publication
2	1.1	2008/7/4	1	The following comment has been added. “Maximum length does not include single bite double quotation described below.”
			28	5.2　Posting of Numerical　Data　No9 Length for Integer and Decimal are changed.
			26	4.5.1　Index Constituents Master (Search) Data No22 “the day after on the effective date of the data” is changed to “on the effective date of the data”.
			29	Layout for Appendix 1 is changed.
			5,8,10,11,12,19,23,25	As for “local code”, the following comment is added. “9 digit are consisted of 4digit single bite space, 4 digit code, and one digit reserve code. “
			12,25	As for “Dividend Amount” and “Total Dividend Amount”, the following comment is added. “These data are used for calculation of total return index.”
3	1.2	2009/3/13	5,16	The description for “No.8 Aggregate Dividend Amount” in “Total Return Index (Calculation Date)” and for “No.7 Aggregate Dividend Amount” in “Total Return Index (Search)” files is changed, to cover final dividend adjustment policy.
			12	The description for “No.14 Dividend Amount” in “Index Constituents Master (for MM/DD) Version A” is changed, to cover final dividend adjustment policy.
			12	The description for “No.15 Total Dividend Amount” in “Index Constituents Master (for MM/DD) Version A”
			25	The description for “No.15 Dividend Amount” in “Index Constituents Master (Search) Version B” is changed, to cover final dividend adjustment policy.
			26	The description for “No.16 Total Dividend Amount” in “Index Constituents Master (Search) Version B” is changed, to cover final dividend adjustment policy.

No	version	Date	Pages	Changes
4	1.3	2009/7/7	3	Item name for “No.8 Shares after Board Lot Size Adjustment” in “Price Return Index (Calculation Data)” is changed. The description for “No.8 Shares after Board Lot Size Adjustment” in “Price Return Index (Calculation Data)” is changed.
			7	Item name for “No.27 New Board Lot Size” in “Change in Constituents Levels (Forecast)” is changed. Item name for “No.28 Previous Board Lot Size” in “Change in Constituents Levels (Forecast)” is changed.
			9	Item name for “No.23 New Board Lot Size” in “Change in Constituents Levels (for MM/DD)” is changed. Item name for “No.24 Previous Board Lot Size” in “Change in Constituents Levels (for MM/DD)” is changed.
			13	Item name for “No.20 Board Lot Size” in “Index Constituent Master (for MM/DD) Version A” is changed.
			15	Item name for “No.9 Shares after Board Lot Size Adjustment” in “Price Return Index (Search)” is changed. The description for “No.9 Shares after Board Lot Size Adjustment” in “Price Return Index (Search)” is changed.
			16	Item name for “No.8 Shares after Board Lot Size Adjustment” in “Total Return Index (Search)” is changed. The description for “No.8 Shares after Board Lot Size Adjustment” in “Total Return Index (Search)” is changed.
			21	Item name for “No.26 New Board Lot Size” in “Change in Constituents Levels (Search)” is changed. Item name for “No.27 Previous Board Lot Size” in “Change in Constituents Levels (Search)” is changed.
			26	Item name for “No.19 Board Lot Size” in “Index Constituent Master (Search) Version B” is changed.
5	1.4	2009/7/10	7,10,15,23,29	Length for FFW is changed and the following comment is added. Code (1) + Integer (1) + Decimal Point (1) + Fraction (5)
			31	The description for 5.2 “Posting of Numerical Data” is changed.

No	version	Date	Pages	Changes
6	1.5	2010/9/1	3,4,5,9,11,12,14, 17,19,22,27,29	File overview is added for clarification.
				The clause is added to clarify under what condition the NULL is set.
			4	As for “No.5 BMV (old) and “No.6 CMV (previous)” the following comments are added for clarification. “Set NULL if no data exists as of the previous business day.”
			15	As for “No.16 Prev. No. of Shares”, “No.17 Change in No. of Shares”, “No. 18 Prev. Close for Indexes Calculation”, and “No.19 CMV (previous)”, the following comments are added for clarification. “Set NULL if the issue is added to index constituents as of the effective date (with the exception of the change in Index Classification).” However, please note for “No. 18 Prev. Close for Indexes Calculation” this is different from previous treatment and should be regarded as a material change. In “No. 17,” the clause, “Set NULL when a) No. 16 (Prev. No. of Shares) is “0”, and b) event which effects the change in Constituent’ level data on such effective date.” is added for clarification.
			30	In “No. 17,” the clause, “Set NULL when a) No. 16 (Prev. No. of Shares) is “0”, and b) event which effects the change in Constituent’ level data on such effective date.” is added for clarification.
7	1.6	2013/2/1	3, 4, 17, 19, 30	Length of the following items is changed from 26 to 29. - 4.1.1 Price Return Index (Close) No.6 - 4.1.2 Price Return Index (Calculation Data) No.6 - 4.1.3 Total Return Index (Close) No.9 - 4.1.4 Total Return Index (Calculation Data) No.6 - 4.2.1 Price Return Index (Search) No.7 - 4.2.2 Total Return Index (Search) No.5 - 4.5.1 Index Constituents Master (Search) Version B No.18

No	version	Date	Pages	Changes
			3, 4, 17, 19	Length of the following items is changed from 26 to 30. - 4.1.2 Price Return Index (Calculation Data) No.4, 5 - 4.1.4 Total Return Index (Calculation Data) No.4, 5 - 4.2.1 Price Return Index (Search) No.8 - 4.2.2 Total Return Index (Search) No.6
			36	Appendix 1 The following items have been added. - No.48 JASDAQ INDEX - No.49 JASDAQ INDEX (Standard) - No.50 JASDAQ INDEX (Growth) - No.51 J-Stock Index
8	1.7	2015/9/24	7, 10, 15, 23, 29	Length of the following items is changed due to the increase in the number of digits in an integer of FFW. (from 1 digit to 5 digits) - 4.1.5 Change in Constituents Levels (Forecast) No.25, 26 - 4.1.6 Change in Constituents Levels Data (for MM/DD) No.21, 22 - 4.1.9 Index Constituents Master (for MM/DD) Version A　No.21 - 4.3.1 Change in Constituents Level Data (Search) No.24, 25 - 4.5.1 Index Constituents Master (Search) Version B No.20
9	1.8	2017/2/27	1	3.　Timing of Data Updates Timing of Updates for “Price Return Index (Close)” and “Total Return Index (Close)” are changed from 7 p.m. to 4 p.m.
10	2.0	2018/10/9	34	Move the description of 5.3 to Note 1 in Appendix 1. Appendix1

No	version	Date	Pages	Changes
				No.48 TOPIX Small500 is added. * Along with the addtion, fixed the description of note 1.
11	2.1	2021/8/23	1-3,11-16,19,23-25,31,32	3. Timing of Data Updates Deleted the following items Addition and Deletion in TOPIX Constituents (Forecast) Addition and Deletion in TOPIX Constituents (for MM/DD) 4. Individual Screens and Output File Specifications 4.1.1 Price Return Index (Close) Describe the following in No.3 Set NULL forTOPIX Leveraged (2x) Index,TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index Describe the following in No.6 Always set 0.0000000 for TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index. Describe the following in No.7 Set 0 forTOPIX Leveraged (2x) Index,TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index 4.1.2 Price Return Index (Calculation Data) Added the following words Leveraged Index and TOPIX Inverse index is not included. Removed the following chapters 4.1.7 Addition and Deletion in TOPIX Constituents (Forecast) 4.1.8 Addition and Deletion in TOPIX Constituents (for MM/DD) Changed as follows to unify the format of the index master

No	version	Date	Pages	Changes
				Before：4.1.9 Index Constituent Master (for MM/DD) Version A After　：4.1.7 Index Constituent Master (for MM/DD) Before：4.5　Index Master Constituents File Output Screen After　：4.4　Index Master Constituents File Output Screen Before：4.5.1　Index Constituents Master (Search) Version B After　：4.4.1　Index Constituents Master (Search) Version B 4.1.7　Index Constituent Master (for MM/DD) Deleted the following words Further, the Index Constituent Master provided from the "New Info" menu is classified as Version A, while the Index Constituent Master provided via the " Index Constituent Master" search screen is classified as Version B. (Versions A and B have different layouts.) 4.2.1　Price Return Index (Search) Described in the overview Leveraged Index and TOPIX Inverse index can be specified from March 1,2021. Describe the following in No.2 Set NULL for TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index. Describe the following in No.7 Always set 0.0000000 for TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index. Describe the following in No.8 Set NULL for TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index. Describe the following in No.9

No	version	Date	Pages	Changes
				Set NULL for TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index. Describe the following in No.10 Set 0 for TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index,TOPIX Double Inverse (-2x) Index. Removed the following chapters 4.4　File Output Screen for Addition and Deletion in TOPIX Constituents The following is described in Appendix 1 TOPIX Leveraged (2x) Index TOPIX Inverse (-1x) Index TOPIX Double Inverse (-2x) Index Replaced images for the following screen layouts ・4.1　“Today’s”　Information File Output Screen（p2） ・4.2　Price Return Index/Total Return Index File Output Screen　（p18） ・4.3　File Output Screen for Change in Constituents’　Level Data（p24） ・4.4　Index Master Constituents File Output Screen(p33)
12	2.2	2022/1/17	6,7,9,10,21-23	Descriptions of “Index Classification Code” are modified because of the market segment restructure. It is applied on January 17, 2022.
		2022/4/4	5-11 13-14 21-24 26-29 31-36	Changes associated with the market segment restructure are as below. 4.1.5 Change in Constituents Levels (Forecast) - New columns, No.3 “Index Code” and No.4 “Index Name”, are added. - Descriptions of No.10 “Index Classification Code (as of Announcement)”and No.19 “Index Classification Code (as of Effective Date)” are changed. - Following sentence is deleted from No.19 “Index Classification Code (as of Effective Date)”. (Deletion)

No	version	Date	Pages	Changes
				This is NULL if “Delisting” or “Securities to be Delisted “ are set in Event Type. - Following descriptions are changed. No.21 If it is “Addition” or “Change in Sector”, indicates the sector code after such change. In case otherwise, then set NULL.(See Appendix 1 for details) No.27 In the case of “Addition” or “Change in FFW”, indicates the free-float weight (after change) or Adjustment Factor as of the effective date. In case otherwise, sets NULL. No.28 Indicates the free-float weight (prior to change). If no change in the free-float weight or Adjustment Factor, set NULL. No.29 In the case of “Addition” or “Change in Unit”, indicates the trading unit size after change. (Units: Shares). Set NULL when there is no change in this field. 4.1.6 Change in Constituent Level Data (for MM/DD) - New columns, No.1 “Index Code” and No.2 “Index Name”, are added. - Descriptions of No.7 “Index Classification Code (as of Announcement)”and No.9 “Index Classification Code (as of Effective Date)” are changed. - Following sentence is deleted from No.9 “Index Classification Code (as of Effective Date)”. (Deletion) This is NULL if “Delisting” or “Securities to be Delisted “ are set in Event Type. - Following descriptions are changed. No.11 If it is “Addition” or “Change in Sector”, indicates the sector code after such change. In case otherwise, then set NULL.(See Appendix 1 for details)

No	version	Date	Pages	Changes
				No.23 In the case of “Addition” or “Change in FFW”, indicates the free-float weight (after change) or Adjustment Factor as of the effective date. In case otherwise set NULL. No.24 Indicates the free-float weight (prior to change). If no change in the free-float weight or Adjustment Factor, then set NULL. No.25 In the case of “Addition” or “Change in Unit”, indicates the trading unit size after change. (Units: Shares). Set NULL when there is no change in data. 4.1.7 Index Constituent Master (for MM/DD) - Description of No.5 “Index Classification Code” is changed. - Description of No.20 “FFW” is changed. - New columns, No.23 “Index Code” and No.24 “Index Name”, are added. 4.3.1 Change in Constituent’s Level Data (Search) - New columns, No.3 “Index Code” and No.4 “Index Name”, are added. - Descriptions of No.11 “Index Classification Code (as of Announcement)” and No.19 “Index Classification Code (as of Effective Date)” are changed. - Following sentence is deleted from No.19 “Index Classification Code (as of Effective Date)”. (Deletion) This is NULL if “Delisting” or “Securities to be Delisted “ are set in Event Type. - Following descriptions are changed. No.21 If it is “Addition” or “Change in Sector”, indicates the sector code after such change. In case otherwise, then set NULL.(See Appendix 1 for details)

No	version	Date	Pages	Changes
				No.26 In the case of “Addition” or “Change in FFW”, indicates the free-float weight (after change) or Adjustment Factor as of the effective date. In case otherwise set NULL. No.27 Indicates free-float weight (prior to change). If no change in the free-float weight or Adjustment Factor, set NULL. No.28 In the case of “Addition” or “Change in Unit”, indicates the trading unit size after change. (Units: Shares). Set NULL when there is no change in data. 4.4.1 Index Constituents Master (Search) - Description of No.5 “Index Classification Code” is changed. - Description of No.20 “FFW” is changed. - New columns, No.23 “Index Code” and No.24 “Index Name”, are added. 5.1 Regarding Status - Columns “Index Code” and “Index Name” are added in the figures. - Event Type is changed from “New Issue” to “Addition” in the figures. Appendix 1 - Following indices are deleted and added in Index Table. (Deletion) 2nd Section JASDAQ INDEX JASDAQ INDEX (Standard) JASDAQ INDEX (Growth) J-Stock Index (Addition) Tokyo Stock Exchange Prime Market Index

No	version	Date	Pages	Changes
				Tokyo Stock Exchange Standard Market Index Tokyo Stock Exchange Growth Market Index - “Index Classification” of following indices is changed. TOPIX Size-based TOPIX TOPIX Sector Indices Mothers TOPIX New Index Series TOPIX Leveraged (2x) Index TOPIX Inverse (-1x) Index TOPIX Double Inverse (-2x) Index - Following notes are deleted and added. (Deletion) *2 For ease of usage, Index Classification for JASDAQ INDEX is divided into “JASDAQ INDEX (Standard)” and “JASDAQ INDEX (Growth).” (Addition) *2 “△” and “△△△△” indicate any value set for each constituent. “-“ indicates NULL. Appendix 2 - Descriptions of following event codes are changed as below. 00: Addition 19: Deletion - Event Code “P1”(Securities to be Delisted) is deleted.
13	2.3	2022/4/4	30	<Contact> Change the contact information. JPX Market Innovation & Research, Inc. Client Service Department

No	version	Date	Pages	Changes
14	2.4	2022/7/19	1,31,32	3. Timing of Data Updates Update time of Change in Constituents' Level Data (Forecast)/(for MM/DD) is modified to the actual time after the market segment restructure. 5.1 Notes for Change in Constituents Levels (Forecast) The description is improved based on the market segment restructure.
15	2.5	2023/11/6	37	Appendix 1 No.38 Changed "Mothers" to "Tokyo Stock Exchange Growth Market 250 Index". ※In the each web menu, the notation of "Mothers" is changed to "Tokyo Stock Exchange Growth Market 250 Index (Former Mothers)".